

VIPER/DSS

Visual Integrated Planning Employment
Resource/Decision Support System

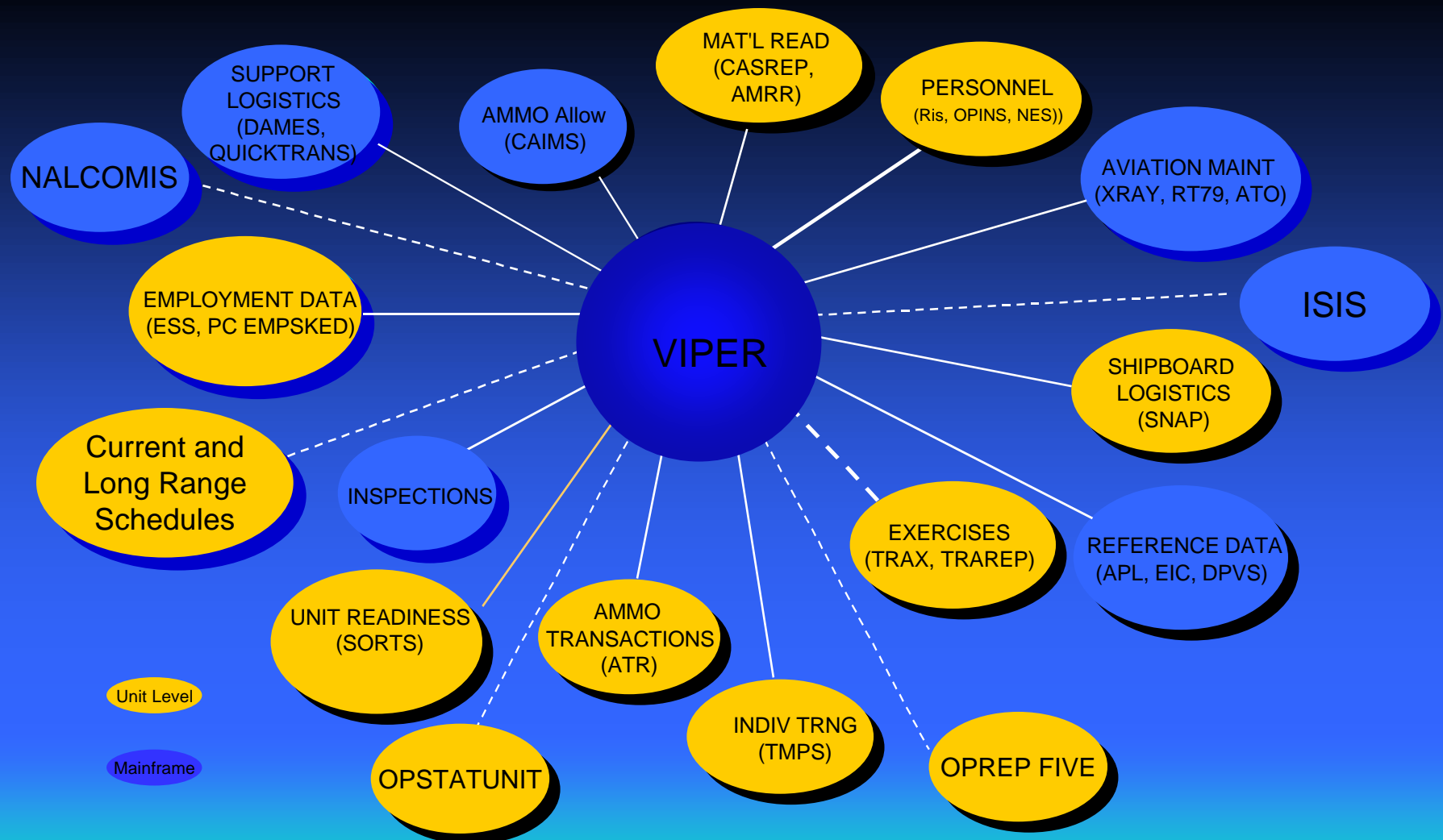
JMCIS 98
Information Brief

29 September 1997

Functions

- Current Scheduling
- Long Range Scheduling
- Fuel Management
- Force Planning

VIPER Functional Architecture



Background

- Requirement - JMCIS Ashore ORD
 - Provide scheduling tool for Activity, Group, Type and Numbered Fleet Commanders, and FLTCINCs.
- Coordinated development effort between CLF, CPF and CNO
- Interest in current schedule, long range schedule and decision support capability

Objectives

- Improve processes for scheduling and fuel management and budgeting
- Integrate current and long range scheduling along with other resource databases - Force Planning System (collaborative)
- IT-21 application: Provide “real” Return on Investment in process improvement
 - manpower
 - fuel
 - ODR

Methodology

- Use Microsoft Visual Studio development environment
 - Rapid onsite prototyping
 - MS Windows
 - PC based
 - Process neutral
 - Web enabled
 - Phased development

Status

- Phase 1 (current scheduling capability) - on track for Mar 98 JMCIS OT
- Working with Fleet prototype users has been very successful
- FLTCINCs working draft instruction
- Staff realignments being worked in conjunction with software development
- CPF focused on Long Range Scheduling and Fuel Budgeting Processes